

PREDMERSZKY, TIBOR

8.1-345

Predmerszky, Tibor, Munkahelyek komfortjának jellemzése. [Characterization of workroom comfort.] *Időjárás*, Budapest, 59(5):268-274, Sept./Oct. 1955. 3 figs. Russian and English summaries p. 268. DLC-General principles of workroom comfort determination are reviewed and two special problems considered in particular: 1) measurement of infrared radiation near furnaces and 2) use of an index number accounting for the physical state of the surroundings as well as for the thermal equivalent of the worker's exertion. This index is used in determining the need for prescribing a 0.1% carbonated salt solution as drinking water to workers in hot workshops. *Subject Headings:* 1. Workroom comfort climate 2. Heat effects on man.—G.T.

551.586:612.014.4

Med

Predmerszky, Tibor

551.585.614.014.1

✓ 8.1-345
Predmerszky, Tibor. Munkahelyek komfortjának jellemzése [Characterization of workroom comfort]. *Tudósítás*, Budapest, 59(5):268-274, Sept./Oct., 1955. 3 figs. Russian and English summaries, p. 268. *DLC*.—General principles of workroom comfort determination are reviewed and two special problems considered in particular: 1) measurement of infrared radiation near furnaces and 2) use of an index Lemberg accounting for the physical state of the surroundings as well as for the thermal equivalent of the worker's exertion. This index is used in determining the need for prescribing a 0.1% carbonated salt solution as drinking water to workers in hot workshops. *Subject Headings.* 1. Workroom comfort climate. 2. Heat effects on man.—G.T.

Med

PREDMERSZKY, T.; SEDY, GY.

Measuring radiation with a metal-covered catathermometer. p. 157. Interdepartmental organs for problems of structural engineering, centralized heating, and ventilation technique. p. 159.

EPULETGEPESET, Vol. 4, No. 4, 1955

(Epitoipari Tudomanyos Egyesulet) Budapest

SOURCE: East European Accessions List Vol. 5, No. 1 September, 1956

PREDMERESZKY, T.

Permissible doses of radiation and methods of protection against overdoses.
p. 343. Vol. 9, No. 9 Sept. 1956. MAGYAR ENERGIACZDASZG. Budapest
Hungary.

SOURCE: East European List, (EEAL) Library of Congress Vol. 6, "o. 1
January 1956.

PREDMEST'IN, R. V.

Experience in the working of double faces equipped with KM-3
("Mosbass") supports. Ugol' 37 no.10:13-15 0 '62,
(MIRA 15:10)

1. Shakhta No. 43 tresta Donskoyugol'.

(Tula Basin--Coal mines and mining)

FEYTSARENKO, A.M.[Feitsarenko, A.M.], otv. red.; PREDKO, I.G.[Predko, I.H.], red.; GRIN'KO, T.F.[Hrin'ko, T.F.], kand. sel'khoz. nauk, red.; DEMCHENKO, P.K., red.; DOBROVOL'SKIY, I.M.[Dobrovols'kyi, I.M.], red.; LIMAR, F.M.[Lymar, F.M.], red.; SEMENOV, F.G.[Semenov, F.H.], FEYTSARENKO, G.I.[Feitsarenko, H.I.], kand. sel'khoz. nauk, red.; VAS'KOVSKIY, Yu.I.[Vas'kovs'kyi, IU.I.], red.; VIDONYAK, A.P. [Vidoniak, A.P.], tekhn. red.

[Sixty years of the Cherkassy (formerly Verkhnyaki) State Agricultural Experiment Station; collection of scientific papers] 60 rokiv Cherkas'koi (kol. Verkhniats'koi) derzhavnoi sil's'kohospodars'koi doslidnoi stantsii; zbirnyk naukovykh prats'. Kyiv, Vyd-vo Ukrains'koi akad. sil's'kohospodars'kikh nauk, 1961. 145 p. (MIRA 15:2)

1. Cherkassy. Derzhavna sil's'kohospodars'ka doslidna stantsiya.
2. Direktor Cherkasskoy gosudarstvennoy sel'skokhozyaystvennoy opytnoy stantsii (for Feytsarenko, A.M.).
3. Zavedyushchiy otdelom selektsii sakharinoi svekly Cherkasskoy gosudarstvennoy sel'skokhozyaystvennoy opytnoy stantsii (for Grin'ko).

(Continued on next card)

FEYTSARENKO, A.M.---(continued) Card 2.

4. Zaveduyushchiy otdelom ~~okr~~abotki pochvy Cherkasskoy gosudarstvennoy sel'skokhozyayatvennoy optytnoy stantsii (for Demchenko). 5. Zaveduyushchiy otdelom skotovodstva Cherkasskoy gosudarstvennoy sel'skokhozyaystvennoy optytnoy stantsii (for Limar). 6. Zaveduyushchiy otdelom selektsii zernovykh kul'tur Cherkasskoy gosudarstvennoy sel'skokhozyaystvennoy optytnoy stantsii (for Feytsarenko, G.I.).
(Cherkassy—Agricultural experiment stations)

PREDMERSZKY, TIBOR

8.4-103

SSI.503.25:SSI.508.08:SSI.502.01

✓ Predmerszky, Tibor. A hőugrás mérése meleggörümekben katathermometria segítségével. [Katathermometric measurement of thermal radiation in hot workshops.] Időford., Budapest 60. 11. 17-25, Jan/Feb. 1956. 6 figs., table, 5 refs., eqs. Russian and German abstracts. Translated into English p. XI-XVI. DLC—It is shown that not only cooling but also heating can be measured with kathermometers. Thus the field of application of kathermometers is considerably widened. According to the experiments the temperature of a thermal source may be determined by the ratio of the heat fluxes measured with a dry and a wet kathermometer. The heat fluxes are calculated from measurements obtained with a dry and a wet kathermometer. Key words: Heating; 1. Radiation measurement 2. Kathermometers 3. Workshop radiation sources. None of author's abstract

KOVACS, Laszlo; PREIMERSZKY, Tibor, dr.; VOIT, Endre, dr.

Experience with the prevention and therapy of radiation injuries related to the application of isotopes. Nepegeszsegugy 43 no.4:107-110 Ap '62.

1. Kozlemeny az Orszagos Munkaegeszsegugyi Intezetbol (igazgato:
Timar Miklos dr.)

(RADIATION PROTECTION)

PREDMERSZKY, T.

Characteristics of comfort in workrooms. p. 268

Vol. 59, no. 5, Sept./Oct. 1955
IDOJARAS
Budapest

Source: Monthly list of East European Accessions, (EEAL), LC,
Vol. 5, no. 3, March 1956

PREDLAKSYI, T.

Bansagi, J. Predlaksyi, T.

"Analysis of the atmosphere of coal mines." p. 318.
(Bányászati Lapok. Vol. 8, no. 6, June 1950, Budapest.)

50: Monthly List of East European Acquisitions, Vol. 2, No. 9, Library of Congress, September
1955, incl.

DOBOS, F.; HAMAR, N.; PREDMERSZKY, T.; TARJAN, S.

Numerical characterization of work relations under hot temperatures
in iron and steel industry with heat-work index; relations between
said index and sweating in furnace workers. Acta med. hung. 6 no.
3-4:453-461 1954.

1. Staatliches Institut fur Arbeitshygiene, Budapest.

(SWEATING
in furnace workers, heat-work index)

(BODY FLUIDS
loss in furnace workers, heat-work index)

(WORK, physiol.
in hot temperatures, body fluid loss in furnace
workers, heat-work index)

PREDICTION, E.

"Microclimate of Factories," p. 37. (IEOMIAS, Vol. 56, No. 1, Nov./Dec. 1953, P. do J. S., Firme)

SC: Monthly List of East European Accessions, (IEAL), IC, Vol. 1, No. 1, Jan. 1953, Incl.

BANSAGI, Jozsef, dr.; GEHER, Ferenc, dr.; PREDMERSZKY, Tibor, dr.

Hygiene in aluminum industry. Nepgeszssegugy 36 no. 7:190-196
July 55.

1. Kozlemeny as Orszagos Munkaegeszsegugyi Intezetbol (igazgato:
Timar, Miklos dr. - es a Budapesti Orvostudomanyi Egyetem
Rontgenklinikajarol (igazgato: Ratkoczy, Nandor dr.).

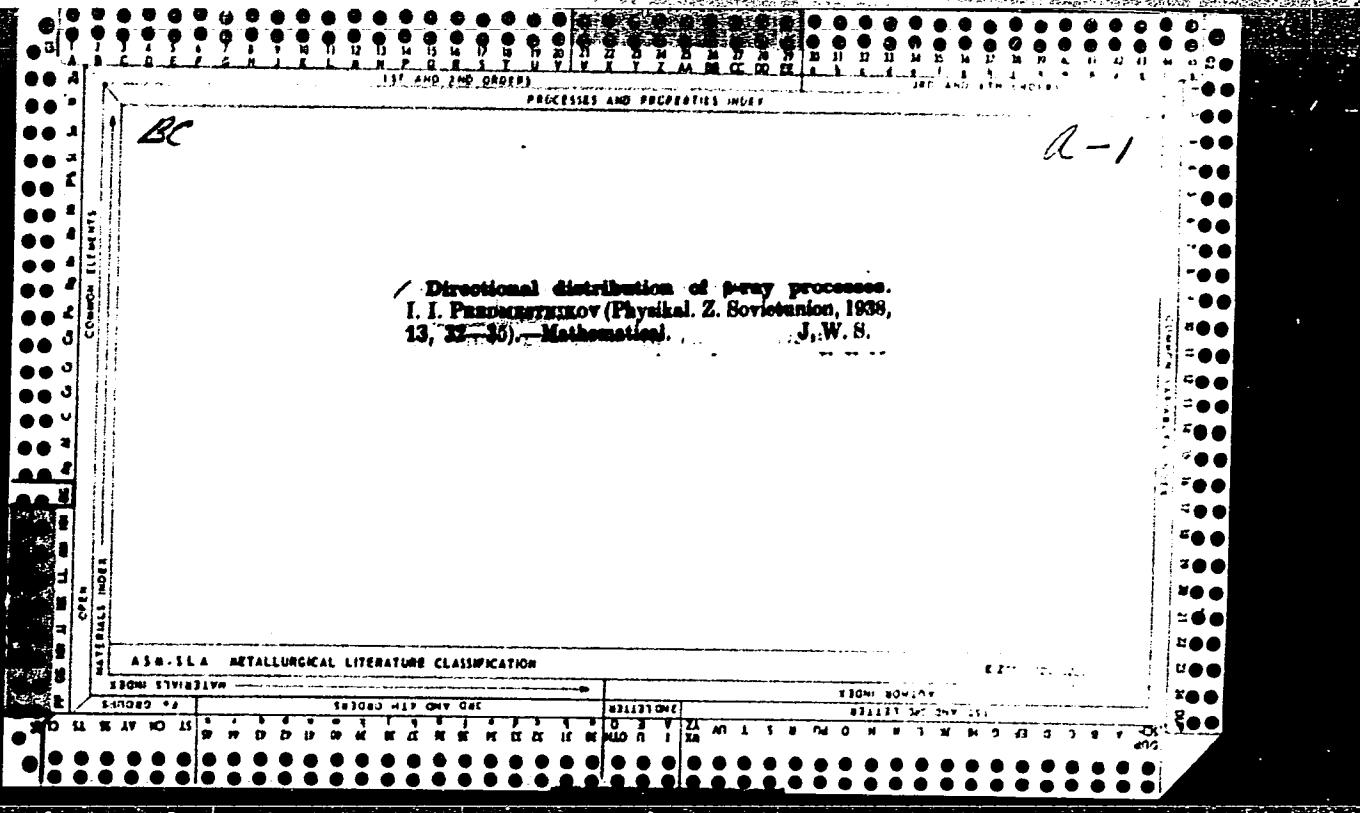
(INDUSTRIAL HYGIENE
in aluminum indust. in Hungary.)

(ALUMINUM,
hyg. in aluminum indust. in Hungary.)

Ca
Direction distribution in a beta process. I. I. Prodnostnikov. *Fizika Z. Sovjetunion* 13, 325 (1960) (in German).- Math. The Möller-Bloch equation is independent of the charge of the exploded kernel. The direction distribution depends upon the rotatory impulse of the nuclear transformation. In an inverse β process extremely high energy in a forward direction is not forbidden. Gregg M. Evans

3

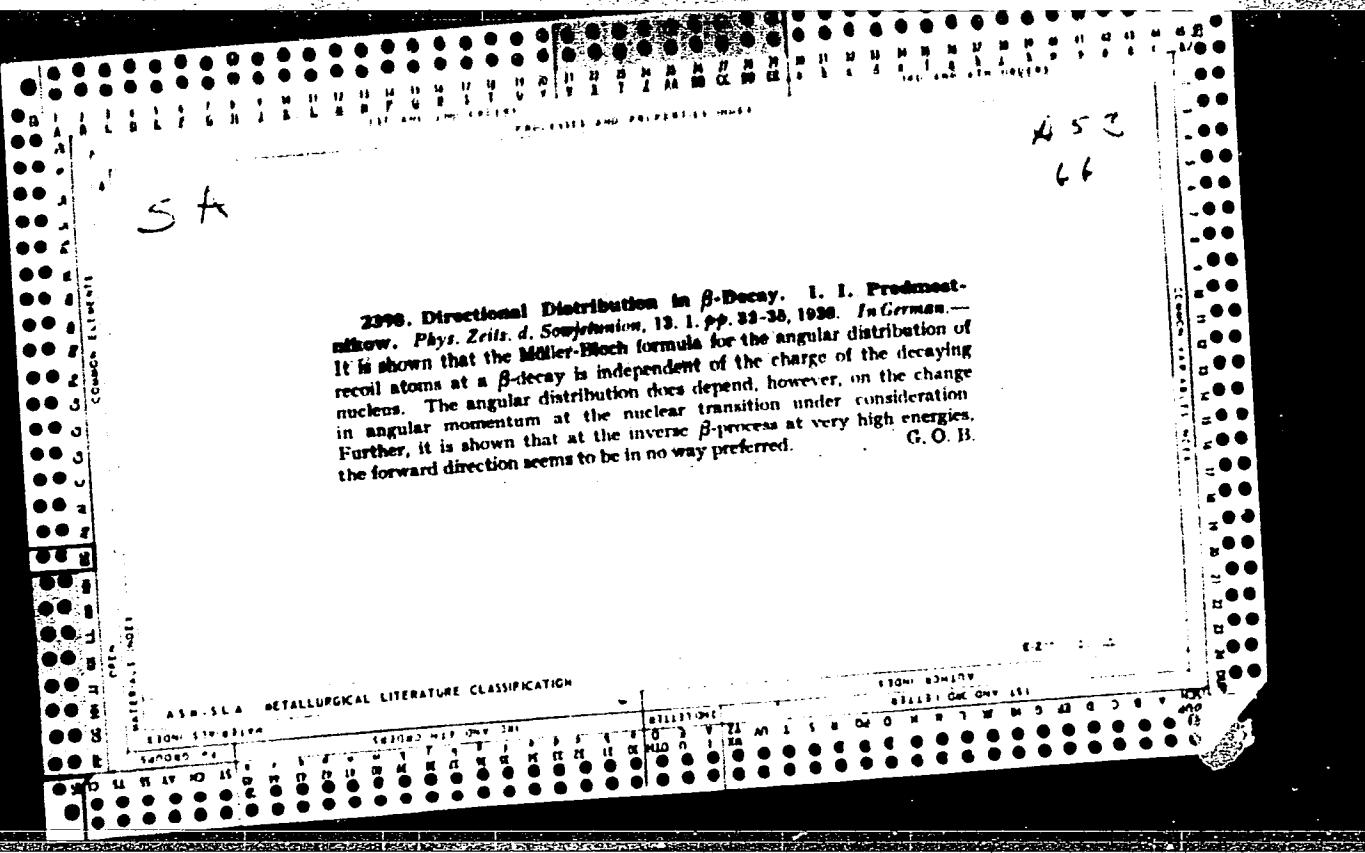
AS-55A METALLURGICAL LITERATURE CLASSIFICATION



2395. Directional Distribution in β -Decay. I. I. PREDMETNIKOV. *Phys. Zeits. d. Sowjetunions*, 13, 1, pp. 32-35, 1934. In German.—It is shown that the Möller-Bloch formula for the angular distribution of recoil atoms at a β -decay is independent of the charge of the decaying nucleus. The angular distribution does depend, however, on the change in angular momentum at the nuclear transition under consideration. Further, it is shown that at the inverse β -process at very high energies, the forward direction seems to be in no way preferred. G. O. B.

G. O. H.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429



PREDMEST'IN, R.V.

Operation of self-propelled cars at the No.43 Smorodino Mine of
the Donskoiugol' Trust of the Tulaugol' Combine. Ugol' 39
no.12:43-44 D '64. (MIRA 18:2)

1. Glavnnyy inzh. shakhty No.43 "Smorodinskaya" tresta Donskoyugol'
kombinata Tulaugol'.

L 45783-65 EWT(d)/EWP(c)/EWA(d)/EWP(v)/T/EWP(k)/EWF(h)/RWP(l)
ACCESSION NO: AP5214779 RU/0011/64/008/004/0181/0182

AUTHOR: Predoi, A. (Engineer); Mehedinti, D. (Engineer); Sachelarie, Tr. (Engineer)

TITLE: Achievements in the field of machine-tool automation

SOURCE: Automatica si electronica, v. 8, no. 4, 1964, 181-182

14

TOPIC TAGS: automation, machine tool, machine tool industry

Abstract: In the field of machine-tool automation, approximately 65 electrotechnical elements were put into production in the period 1961 through 1963. They included control buttons, direction manipulators, etc.; transformers for control circuits; miniature relays, etc. Among the principal devices developed was a system for the programmed control of lathes at the Arad Lathe Factory, with the program recorded on magnetic tape.

ASSOCIATION: none

SUBMITTED: 00

NO REF Sov: 000

ENCL: 00

OTHER: 003

SUB CODE: IE

JPRS

Card

1/1 me

PETROV, V.P.; PREOBRAZHEN'YEV, A.T., SOKOLOV, V.I. et al. "Biotite
Some characteristics of the lithology and mineralogy of biotite
in the biotites of crystalline schists and gneisses in the
northern part of the Lake Ladoga region. Part 10 no. 24
5-14 '65.

1. Submitted May 15, 1966.

PREDNA, A.; SPISIAK, J.; PONTUCH, A.

The value of the buccal test in determination of sex chromatin.
Cesk.gyn.26[40] no.1/2:117-120 F '61.

l. zen.por.klin.lek.fak. UK v Bratislave, prednosta prof. MUDr.
S. Stefanik.
(CHROMOSOMES)

MESYATS, G.A., kand.~~tehn.~~ nauk; PREDNEKS, U.Ya., inzh.

Study of the time characteristics of a series discharger. Izv.
vys. ucheb. zav.; energ. 5 no.3:17-23 Mr '62. (MIRA 15:4)

1. Nauchno-issledovatel'skiy institut yadernoy fiziki, elektroniki
i avtomatiki pri Tomskom politekhnicheskem institute imeni S.M.Kirova.
Predstavlena nauchnym seminarom kafedry tekhniki vysokikh
napryazheniy.

(Electric protection)

2/12/02/001342/001342

AUTHORS: Nesvants, G. A., Candidate of Technical Sciences, and
Predneks, V. Yu., Engineer

TITLE: Investigating the time characteristics of a series
surge diverter

PERIODICAL: Izvestiya vysshikh uchebnykh zavodov. Energetika,
no. 3, 1962, 17-23

TEXT: In the event of impulse breakdown of a spark gap the delay
and spark-voltage variation period after breakdown with heavy
surges diminish to a millimicrosecond and less if the statistical
delay time is removed. By reason of the heavy overvoltages ob-
tainable across the spark gap in the series spark diverter it is
used successfully in high-voltage millimicrosecond impulse cir-
cuits. Results of an investigation of time characteristics are set
out, starting from the standard diverter arrangement comprising
n series diverters. A system of four diverters was employed, with
16 mm brass-sphere electrodes, applying 15 KV to the diverter. It

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3/143/62/000/003/0... /007

D253/D302

Investigating the time ...

was demonstrated that with a diverter arrangement providing mutual irradiation of the gaps on breakdown, together with appropriate capacitances and low resistance in the capacitor discharge circuits, the interval between breakdown of adjacent arrestors is of the order of millimicroseconds, affording continuous regulation, by varying the electrode separation, from one to some tens of millimicroseconds. Maximum instability is not more than 10% of the breakdown-time difference of adjacent electrodes. This time-difference is the smaller, the nearer is the initial potential difference at the diverter gap to the break-down potential. The overall difference at the diverter gap to the break-down potential. The overall diverter operating time with voltage 15 kV and three gaps with diverter operating time with voltage 15 kV and three gaps with non-uniform voltage distribution is 20 μ sec. The length of the impulsive wave front with overvoltage at the trigger gap increased to the limit governed by the L and R parameters of the discharge circuit is also some millimicroseconds. Recommended applications include short impulse voltage chains for high-speed photography etc., impulse-generator and oscillograph synchronization and similar functions. There are 5 figures, 3 tables and 14 references: 9 Soviet-bloc and 5 non-Soviet-bloc. The 4 most recent references to

Card 2/3

Investigating the time ...

S/143/62/110/003/003/007
D233/D302

the English-language publications read as follows: R. C. Fletcher, Phys. Rev. 76, no. 10, 1949; R. C. Fletcher, Rev. Sci. Instr. 20, no. 12, 1949; H. Heard, Rev. Sci. Instr., 25, no. 5, 1954; I. Cruggs and I. Meek, High-voltage Laboratory Technique, Oxford, 1954.

ASSOCIATION: Nauchno-issledovatel'skiy institut yadernoy fiziki elektroniki i avtomatiki pri Tomskom politekhnicheskom institut imeni S. M. Kirova (Scientific Research Institute for Nuclear Physics, Electronics and Automation of the Tomsk Polytechnic Institute imeni S. M. Kirov)

SUBMITTED: March 10, 1961

Card 3/3

PREDOI, A.

Magnetic Automatic Blowout and its Application in Electric Low-tension
Controlling Devices. ELECTROTEHNICA (Electrical Engineering) #9:393:Sep 55

PREDOI, A., ing.; HUHULESCU, M., ing.

Electric apparatus for automation installations achieved in unitary series. Automatica electronica 8 no. 2:80-87 Mr-Ap '64.

PREDOI, A., ing.; MEHENDINTI, D., ing.; SACHELARIE, Tr., ing.

Achievements in the field of machine tool automation. Automatica
electronica 8 no.4:181-182 Jl-Ag '64.

PREDOI, Aristid C.; ONCICA, Dan (Bucuresti)

Evolution in the construction of low tension oil contactors
with thermal relays. Electrotehnica 12 no. 3:91-103 Mr '64.

1. Chief Planning Engineer, IPAEIA-Bucharest (for Predoi).
2. Planning Engineer, "Electroaparataj" State Industrial
Enterprise Bucharest (for Oncica).

VERNICEANU, A.; PREDOI, I.

Economic development of Bulgaria. "Probleme econ" 17 no. 9:
131-136 S '64.

PREDOI, I.

Eliminating the opposition between physical and intellectual labor
in Rumania. Probleme econ 14 no.9:20-37 S '61.

(Rumania--Communism)

PREDOI, I.

Scientific information. Probleme econ 17 no.2:143-146 F '64.

PREDOI, I.

Festive Session of the Rumanian Academy on the occasion of 15
years of activity. Probleme econ 16 no.7:145-146 Jl '63.

RUMANIA

PREDOIU, Dr. I., Veterinary Station (Circ. veterinara) Rast District
(raionul) Bailesti Region (regiunea) Oltenia.

"Intoxication with Gallega officinalis Hay in Sheep"

Bucharest, Revista de Zootehnica si Medicina Veterinara, Vol 16, No. 6,
June 1966; pp 73-75

Abstract: In a herd of sheep numbering 1,320 head, intoxication with hay
of Gallega officinalis was noted in 5.08%, necessitating slaughter in 4.24%.
Gradual feeding of small quantities of this hay brought on a refractory
state to poisoning. Diagnostic and clinical details. 2 Western, 1 Rumanian
reference.

1/1

- 73 -

PREDOIU, -A.

"A study with the aid of an oscillograph and quick photography of the braking process of an electric arc in low voltage apparatus."

p. 375 (Electrotehnica) Vol. 5, no. 11, Nov. 1957
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

PREDOIU, Aristide, ing. (Bucuresti)

New aspects and trends in the development of the construction of
the low-tension fusible cutouts. Electrotehnica 9 no.12:439-446
D '61.

1. Inginer principal proiectant la "Electroaparataj"

PREDOM, I.

SUMMARY

POFASCU-BAPAS, M., Dr., CIOATPA, Gr., Dr. IONICA, I., Dr., TUDORIU, G.L., Dr., VIOZ, C., Veterinarian, R.W., Eng., Veterinarian, MARCEA, E., Veterinarian, JIVOLI, P., Dr., CAUBIK, S., Dr., NITOIU, L., Dr., and PREDOM, I., Dr., of the "Pasteur" Veterinary and Biological Products Research Institute (Institutul de Cercetari Veterinare si Bioproducts "Pasteur", CREANGA, E., Dr. FAUR, Gh., Veterinarian, and CIACONU, M., Veterinarian, of the Scientific Control Laboratory for Biological Products and Drugs for Veterinary Use (Laboratorul de Control Stiintific al Producilor Biologice si Medicamente de Uz Veterinar), and VOINOV, B., Dr., of the Central Agricultural Research Institute (Institutul Central de Cercetari Agricole).

"Improvement of Animal Tuberculosis Allergical Diagnosis in Romania by Single and Simultaneous Tests Using Purified Tuberculine (PPD)."

Buchsrest, Revista de Zootehnie si Medicina Veterinara, Vol 13, No 1, Jan 1983, pp 50-53.

1/2

RUMANIA

Bucharest, Revista de Zootehnica si Medicina Veterinara,
Vol 13, No 1, Jan 1965, pp 50-65.

Abstract [Author's English summary modified]: Two types of purified tuberculin (PPD) were prepared; that for mammals was standardized to a content of 100,000 T.U./ml, and that for birds to 25,000 T.U./ml. The results of large-scale tests in epizootically different animals permitted the practical application of the single tuberculin test with PPD to cattle, pigs and birds. The use of PPD allowed the introduction of the simultaneous testing of cattle for tuberculosis diagnosis, bringing about a clarification of the tuberculin reactions, a saving of time and the fact that only the animals suffering from tuberculosis, among those reacting to tuberculin, have to be sacrificed. Includes 1 Russian, 7 Western and 11 Rumanian references.

2/2

OERIU, S.; MUNTIU, N.; HEYTMANEK, C.; PREDOVICI, F.; BEGNESCU, P.;
ZAHARIA, V.

Effect of the central nervous system on chemotherapy. I.
Effect of drug-induced sleep on evolution and therapy of
experimental trypanosomiasis. in rats. Probl. ter., Bucur.
3:147-157 1956.

1. Membru corespondent al academiei R.P.R.(for Oeriu)
(TRYPANOSOMIASIS, experimental
eff. of oxophenarsine, with prolonged sleep, relation to
CNS funct.)
(CENTRAL NERVOUS SYSTEM, physiology
eff. on chemother. of exper. trypanosomiasis)
(OXOPHENARSINE, effects
on exper. trypanosomiasis, eff. of CNS funct. &
prolonged sleep)
(SLEEP, effects
prolonged sleep, on evolution & chemother. of exper.
trypanosomiasis)

EUSTATZIU, G.,; SCHREIBER, H.,; LEVENTER-BERTHEIL, R.,; PREDOVICIU,
F.,; CHIRESCU, M.

Tuberculostatic effect of isonicotinoylhydrazonepyruvic acid,
isonicotinoylhydrazoneoxalacetic acid, isonicotinoylhydrazone-3-
mercaptopyrivic acid, isonicotinoylhydrazone-3-bromopyruvic acid,
isonicotinoylhydrazone-2-oxoglutaric acid and isonicotinylhydra-
zonolevulinic acid. Bul. stiint., sect. med. 7 no.2:564-566 Apr-June
55.

(HYDRAZINE, derivatives

isonicotinylhydrazone derivatives of ketone acids, eff.
on Mycobacterium species)

(MYCOBACTERIUM, eff. of drugs on

isonicotinoylhydrazone derivatives of ketone acids)

(KETONE ACIDS, eff.

isonicotinoylhydrazone derivatives, on Mycobacterium
species)

SCHREIBER, H.,; PREDOVICIU, F.

VII. Study of the diffusability of isonicotinoylhydrazonepyruvic acid in the body. Bul. stiint., sect. med. 7 no.2:581-582 April-June 55.

(PYRUVATES, metabolism

isonicotinoylhydrazonepyruvic acid, blood levels after oral admin., comparison with isoniazid)

(NICOTINIC ACID ISOMERS, metabolism

isoniazid, comparison with isonicotinoylhydrazonepyruvic acid)

OERIU, S., membru corespondent al academiei R.P.R.; MUNTIU, N.;
MIRZA, E.; PREDOVICIU, F.; NEREANTIU, F.; BEGNESCU, P.; ZAHARIA, V.

Effect of the central nervous system on therapy of experimental
meningeal tuberculosis in dogs. Stud. cercet. inframicrobiol.,
Bucur. 6 no.3-4:513-522 July-Dec. 1955.

(TUBERCULOSIS, MENINGEAL, experimental

eff. of antibiotics, role of CNS funct. & eff. of
phenobarbital-induced sleep & of amphetamine)

(ANTIBIOTICS, eff.

on exper. meningeal tuberc., role of CNS funct. & eff. of
phenobarbital-induced sleep & of amphetamine)

(SLEEP, eff.

phenobarbital-induced sleep, on meningeal tuberc. during
antibiotic ther., in dogs)

(AMPHETAMINE, eff.

on meningeal tuberc. during antibiotic ther., in dogs)

(CENTRAL NERVOUS SYSTEM, in various dis.

exper. meningeal tuberc., eff. of phenobarbital-induced
sleep & amphetamine on response to antibiotic ther., in dogs)

BALS, M., prof.; SERBANESCU, Fl., dr.; CARUNTU, Fl., dr.; TAINDEL, Cl., dr.;
JIPA, Gh., dr.; PREDOVICIU, F.M., dr.

Acute azotemias during infectious diseases. Med. intern. 16
no.2: 193-203 F'64

1. Lucrare efectuata in Clinica a II-a de boli contagioase
I.M.F., Bucuresti.

*

PREDOVSKIY, A.A.; PETROV, V.P.

Geological position and origin of the conglomerates of Partanen
in southern Karelia. Vop.magn.i metam. 2:138-153 '64.

Relationship between Pitkyaranta and Ladoga Proterozoic formations
in the northern part of the Lake Ladoga region. Ibid. 154-175
(MIRA 18:3)

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342"

Re: [REDACTED]

Subject, for [REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED] [REDACTED]

(X) (RA 18:3)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

PREDOVSKIY, A.A.; KOCHIN, G.G.

Some geological characteristics and prospecting criteria of high
concentrations and deposits of uranium in coals. Vest.LGU
18 no.6:36-45 '63. (MIRA 16:4)
(Uranium ores) (Coal)

DZHELEPOV, B.S.; ZHUKOVSKIY, N.N.; PREDOVSKIY, F.A.

New data on the gamma spectrum of Sb^{124} . Izv. AN SSSR. Ser. fiz. 21
no.12:1614-1618 D '57. (MIRA 11:2)

1. Radiyevyy institut im. V.G. Khlopina AN SSSR.
(Antimony--Isotopes)

L 58752-65 EPF(n)-2/EWA(h)/EWT(m)/EWG(m)/EWP(b)/EWP(t) Pu-4/Peb DM/JD

ACCESSION NR: AP5012481

UR/0089/65/018/004/0408/0409
539.121.73

21
22
B

AUTHORS: Lisochkin, G. A.; Predovskiy, F. A.

TITLE: Index of weight efficiency of two-component materials
used for shielding against neutron and gamma radiation

SOURCE: Atomnaya energiya, v. 18, no. 4, 1965, 408-409

TOPIC TAGS: neutron shielding, gamma shielding, two-component shield, weight efficiency

ABSTRACT: It is pointed out that in many cases of two-component shields, in which one of the materials is more effective as a neutron shield but is inferior as a gamma ray shield, a simple comparison of the two materials by using their mass attenuation coefficients is impossible, and it is necessary to take into account the combined characteristic of both components with respect to neutron and gamma absorption. The dose rate as a function of the weights of the two

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ACCESSION NR: AP5012481

components x_1 and x_2 is then given by

$$P = P_{1e} \frac{-(x_1 + x_2)}{\left(\frac{q_{11}}{q_{11}} + \frac{q_{12}}{q_{12}}\right) + P_{2e} \frac{-(x_1 + x_2)}{\left(\frac{q_{21}}{q_{21}} + \frac{q_{22}}{q_{22}}\right)}} \quad (1)$$

and the quantity

$$K = \frac{\frac{1}{q_{11}} - \frac{1}{q_{12}} + \frac{1}{q_{22}} - \frac{1}{q_{21}}}{\frac{1}{q_{11}} \cdot \frac{1}{q_{22}} - \frac{1}{q_{12}} \cdot \frac{1}{q_{21}}} \quad (2)$$

which is an index of the weight efficiency of the combined material, is tabulated for various combinations commonly used in reactor construction. The accuracy with which this index can characterize the ratio of the weights of shields made of these materials depends on the difference in the accumulation factors of the scattered gamma radiation. The authors thank Ye. A. Murinson for a valuable discussion of the present work. Original article has: 2 formulas and 1 table.

ASSOCIATION: None

Card 2/3

L 58752-65
ACCESSION NR: AP5012481

SUBMITTED: 25Apr64 ENCL: 00 SUB CODE: NP
NR REF SCV: 001 OTHER: 002

Card 3/3

Predovskiy, F. ...

46-12-9/15

AUTHORS: Dzhelepov, B. S., Zhukovskiy, N. N., Predovskiy, F. ...

TITLE: New Data on the γ -Spectrum of Sb¹²⁴ (Novyye dannyye o γ -spektre Sb¹²⁴)

PERIODICAL: Izvestiya AN SSSR, Seriya Fizicheskaya, 1957, Vol. 21, Nr 12,
pp. 1614 - 1618 (USSR)

ABSTRACT: In order to give a precise determination of the earlier obtained (reference 1) data on the relative intensity of the γ -lines of Sb¹²⁴ the authors made new investigations of the γ -radiation of Sb¹²⁴ in the electron under new more favorable conditions (with regard to light intensity and dissolving power). At their disposal was metallic antimony, activated by neutrons, with a weight of $\sim 1,5$ g and a total activity of $\sim 1,5$ Cu. At the beginning of the measurements the age of the preparations was 40 days. Especially carefully investigated were 1.) The soft range of the γ -spectrum $H_0 = 2500 \pm 3300$ Gs.cm in which earlier with gas-filling (reference 1) the electron could not sufficiently sharply separate the γ -lines $h\nu = 603$ keV and 646 keV. 2.) The hard range $H_0 = 4800 \pm 6300$ Gs.cm in which the authors discovered new unknown (till then) γ -lines, where the intensity of those decreased with a period of ~ 60 days.

Card 1/3

New Data on the γ -Spectrum of Sb¹²⁴

48-12-9/15

The curve of the spectral sensitivity of the apparatus under the new conditions (reference 2) permitted precisely to determine the values of the relative intensity of all γ -lines of Sb¹²⁴. Three γ -lines $h\nu = 603, 646$ and 723 keV were, as earlier, determined in the observations. The precisely determined values of the relative intensity of the γ -lines are given in a table, as well as the multipolarity of some γ -transitions calculated by the authors on the basis of own observations of the intensity of γ -lines and the data by Zolotavin and others (reference 3) on the relative intensities of the K-conversion-lines of Sb¹²⁴. The scheme of the decay Sb¹²⁴ is given. It is based on the data collected until May 1956 (references 3 and 5) which were more precisely determined here. Regarding the multipolarity of the transitions it is shown that it may with certainty be assumed that the levels 603 and 2295 keV have the characteristics 2^+ and 3^- . The characteristic of the other levels is less certain, partially because of the possibility of a doublet-structure of the lines $h\nu = 646$ and 723 keV. A comparison with other even-even nuclei shows that the two-quanta oscillation-excitation of Te¹²⁴ in the range 1320 keV ($E_2^*/E_1^* \approx 2,2$) must form a triplet $0^+ 2^+ 4^+$. Of these 3 possibilities the characteristic 2^+ must be ascribed to the level 1326 keV, as a) a transition $1326 \rightarrow 0$ and b) a transition $2295 \rightarrow 1326$ (line

Card 2/3

New Data on the γ -Spectrum of Sb¹²⁴

40-12-9/15

$h\nu = 969$ keV) of the type E 1 + M 2 is observed. The data on the lines 646, 1047 and 1450 keV give rise to the assumption that the level 1248 keV is of type 4⁺. In the last chapter the balance of the intensities is investigated. It is shown that in case that the levels 1248 and 1326 keV possess the characteristics 4⁺ and 2⁺ and belong to a triplet, the probability of a β -decay of Sb¹²⁴ (whose original state is of type 3⁻) must almost be equal in these levels. There are 4 figures, 2 tables, and 6 references, 5 of which are Slavic.

ASSOCIATION: Radium Institute im. V. G. Khlopin AS USSR
(Radiyevyy institut im. V. G. Khlopina Akademii nauk SSSR)

AVAILABLE: Library of Congress

Card 3/3

Predrag, Ljilje

Eruptive rocks of Radan Mountain, Serbia. Predrag
Ljilje, et al., *Geol. periodika Beograd*, 23, 163-87 (1984) (C.R.
with Summary).—Petrographic study of andesites and
dacites, with chem. analyses of 3 rocks.

Michael Fleischer

PREDSEDATELEV, N.G., inzh.

Intensity of the noise created by the TsS-series marine centrifugal electric fans. Sudostroenie 28 no.5:32-33 My '62. (MIR' 15:7)
(Fans, Electric—Noise) (Ships—Heating and ventilation)

PREDTECHEN'SKAYA, I.A., kand. tekhn. nauk, dotsent; SAMSONOVA, A.V., inzh.;
KOTLOVAYA, Z.A., inzh.; AMUSINA, S.L., starshiy nauchnyy etrudnik;
KUPLE, Kh.R., [Kuple, H.], tekhnolog

Use of peracetic acid in bleaching fabrics made from cotton and
polyamide fibers. Tekst. prom. 24 no.5:41-49 My '64
(MIRA 12:2)

1. Leningradskiy institut tekstil'noy i legkoy promyshlennosti
imeni S.M. Kirova (for Predtechenskaya, Samsonova, Kotlovaya).
2. Latviyskiy kompleksnyy nauchno-issledovatel'skiy institut
(for Amusina). 3. Kombinat "Sarkana Tekstilniyetse" Latviyskogo
soveta narodnogo khozyaystva (for Kuple).

PREDTECHIENSKAYA, K.S.

Action of some physicochemical agents on the spinal cord. Nauch.
soob. Inst. fiziol. AN SSSR no.1:138-140 '59. (MIRA 14:10)

1. Laboratoriya nervno-myshechnoy fiziologii (zav. - L.L.Vasil'yev)
Instituta fiziologii imeni Pavlova AN SSSR.
(SPINAL CORD)

NESVITSKIY, Yakov Ivanovich; PREDTECHENSKAYA, N.F., red.; GUSAROV,
K.F., tekhn. red.

[Maintenance of motor vehicles] Tekhnicheskaya ekspluatatsiya
avtomobilei. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961.
407 p. (MIRA 15:2)
(Motor vehicles--Maintenance and repair)

GRISHCHENKO, Anatoliy Zinov'yevich; PREDTECHENSKAYA, N.F., red.;
SHVARTSSHTEYN, K.A., tekhn.red.

[Automation in the manufacture of synthetic fibers] Avto-
matizatsiya v proizvodstve khimicheskikh volokon. Kiev, Gos.
izd-vo tekhn. lit-ry USSR, 1962. 48 p. (MIRA 15:4)
(Textile fibers, Synthetic) (Automatic control)

PREDTECHENSKIY, A.A.

Ancient highland of southern Siberia; problem of the "most ancient
verte of Asia." Trudy SNIIGGMS no.13:65-78 '60. (MIRA 16:2)
(Siberia—Geology)

PREDTECHENSKIY, A.A.; ABIGAMOV, A.V.; TARANIKOV, V.A.

Stratigraphy of the Pre-Cambrian formations of the Altai Mountains. Trudy SNIIGGIMS no.29:26-26 '64.
(MIA 18:3)

PREDTECHENSKIY, A.A.; BOGNIBOVA, R.T.; TARANENKO, V.A.

Stratigraphy of the Cambrian sediments of the Eastern Sayan Mountains
and Batenevskiy Range. Trudy SNIIGGMS no.29:27-33 '64.
(MIRA 18:3)

SHCHEGLOV, A.P.; PREDTECHENSKIY, A.A.; VINKMAN, M.K.

Unification of the correlation schemes of Lower Cambrian sediments
in the Sayan-Altai fold area. Trudy SNIIGGIM no.29:61-65 '64.
(MIRA 18:3)

VASIL'KOVSKIY, N.P.; PREDTECHENSKIY, A.A. [deceased]

Structure of the Siberian Platform. Geol. i geofiz. no.6:
3-18 '64. (MIRA 18:11)

1. Sibirskiy nauchno-issledovatel'skiy institut geologii,
geofiziki i mineral'nogo syr'ya, Novosibirsk.

KULYABKO, Yelena Sergeyevna; PREDTECHENSKIY, A.V., doktor istorich.
nauk, otv. red.; MIKHLIN, Ye.I., red. izd-v^a; KONDRAT'YEVA,
M.N., tekhn. red.

[M.V.Lomonosov and the educational activity of the Peterburg
Academy of Sciences] M.V.Lomonosov i uchebnaia deiatel'nost'
Peterburgskoi Akademii nauk. Moskva, Izd-vo Akad. nauk SSSR,
1962. 214 p. (MIRA 15:3)
(Lomonosov, Mikhail Vasil'evich, 1711-1765)

RADOVSKIY, Moisey Izrailevich; PREDTECHENSKIY, A.V., otv. red.; MEDVEDEV,
M.V., red. izd-va; ZENDEL', M.Ye., tekhn. red.

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334 p. (MIRA 14:7)

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(Leningrad--Scientific societies)

GERSHKOVICH, B.M.; CHEPIK, N.V.; FEDOTENKOVS'YI, M.A.

Device for determining the hardness of plastics by the rotating method. Zav. izb. 31 no. 3:1017-1018 '65. (MIA 12:9)

1. Spetsial'naya konstruktsiya dlya issledovaniya nauchno-issledovatel'skogo instituta novykh strukturnykh materialov.

PREDTECHENSKIY, N.N.; YANOV, E.N.

~~Methods~~ of analysis of sedimentary cycles and Devonian sedimentary series of the Sayan-Altai region. Geol.i geofiz. no.10:93-105 '63.
(MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut,
Leningrad.

VORONTSOV, Aleksey Ivanovich; PREDTECHENSKIY, Ivan Nikolayevich;
SAZONOVA, Galina Vasil'yevna; NERONOVA, M.D., red.;
SALAZKOV, N.P., tekhn. red.

[Protection of urban parks against pests and diseases]
Zashchita gorodskikh nasazhdenii ot vreditelei i boleznei.
Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1963. 161 p.
(MIRA 16:8)

(Woody plants—Diseases and pests)

PREDTECHENSKIY, N.N.

Utilization of petrographic thin sections for granulometric analysis as revealed by the study of Jivet sediments in Tuva. Inform.sbor.VSEGEI no. 53:145-149 '62.
(MIRA 17:1)

YANOV, E.N.; PREDTECHENSKIY, N.N.

Methods for compiling lithological and paleogeographical maps as revealed by the studies of the Devonian in the Altai-Sayan fold area. Trudy VSEGEI 72:28-45 '62. (MIRA 15:9)
(Altai Mountains—Paleogeography—Maps)
(Sayan Mountains—Paleogeography—Maps)

PREDTECHENSKIY, N. N., Cand Geol-Min Sci -- (diss) "Stratigraphy and phases of Devonian deposits of Tuva and Western Sayan." Leningrad, 1960. 19 pp; (Leningrad Order of Lenin State Univ im A. A. Zhdanov); 200 copies; price not given; (KL, 26-60, 132)

PRIBOROV VIKTOR, V. P.

21512 PRIBOROV VIKTOR, V. P.

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tsiklichnost' bol'shevikov. M. M. Litvinov. [enisy Dokladu].
Trudy Vsesoyuz. nauch. s"ezza. T. 1.M., 1942, s. 214.

SO: Letopis' Zhurnala "Vestnik Moskvy", No. 29, Moscow, 1942

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PREDYCHANSKY, P. P.

"The Cycle "ovement in Solar Active Fluctuations," Trudy GO, No 8, 1948.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013429

PREDTECHANSKIY, P. P.

"Climates of the Geological past and the Scheme of Their Dependence on Changes in Solar Activities," Trudy CGO, No 8 (70), 1948.

PREDTSCHENSKII ~~SECRET~~ KREVTECHNIKA, T. R.
U.S. Embassy

Dynamics of Change in the Economic Life of the USSR: April 1950

Leningrad Main Correspondence Agency (Editor)
No. 17 (31), 1950, No. 193-10

From: Monthly List of Russian Accounts
April 1950, Vol. 4, No. 1, p. 24

PREDTECHENSKIY, P.H.

FEDOROV, Ye.Ye., professor; PREDTECHENSKIT, P.P.; BUCHINSKIY, I.Ye.; SEYANINOV, G.T., professor; BOSHNO, L.V.; ALISOV, B.P.; BIRYUKOV, N.N.; GAL'TSOV, A.P.; GRIGOR'YEV, A.A., akademik; EYGENSON, M.S., professor; MURETOV, N.S.; KHROMOV, S.P.; BOGDANOV, P.E.; LEEDEEV, A.N.; SOKOLOV, V.N.; YANISHEVSKIY, Yu.D.; SAMOTLENKO, V.S.; USMANOV, R.F.; CHUBUKOV, L.A.; TROTSENKO, S.Ya.; VANGENGEYM, G.Ya.; SOKOLOV, I.F.; STYRO, B.I.; TEMNIKOVA, N.S.; ISAYEV, E.A.; DMITRIYEV, A.A.; MALYUGIN, Ya.A.; LIIDEMAA, Ye.K.; SAPOZHNIKOVA, S.A.; RAKIPOVA, L.R.; POKROVSKAYA, T.V.; BAGDASARYAN, A.B.; ORLOVA, V.V.; RUVINSHTEYN, Ye.S., professor; MILEVSKIY, V.Yu.; SHCHERBAKOVA, Ye.Ya.; BOCHKOV, A.P.; ANAPOL'SKAYA, L.Ye.; DUNAYEVA, A.V.; UTESHEV, A.S.; RUDNEVA, A.V.; RUDENKO, A.I.; ZOLOTAREV, M.A.; NERSESYAN, A.G.; MIKHAYLOV, A.N.; GAVRILOV, V.A.; TSOMAYA, T.I.; DEVYATKOVA, A.M.; ZAVARINA, M.V.; SHMETTER, S.M.; BUDYKO, M.I., professor.

Discussion of the report (in the form of debates) [of the current state climatological research and methods of developing it]. Inform. sbor. GUGMS no.3/4:26-154 '54. (MIRA 8:3)

1. Chlen-korrespondent Akademii nauk SSSR (for Fedorov). 2. Glavnaya geofizicheskaya observatoriya im. A.I. Voejkova (for Predtechenskiy, Lebedev, Yanishevskiy, Isayev, Rakipova, Pokrovskaya, Orlova, Rubitshteyn, Budyko, Shcherbakova, Anapol'skaya, Dunayeva, Rudneva, Gavrilov, Zavarina). 3. Ukrainskiy nauchno-issledovatel'skiy gidrometeorologicheskiy institut (for Buchinskiy).

(Continued on next card)

FEDOROV, Ye.Ye., professor; PREDTECHENSKIY, P.P., and others.

Discussion of the report (in the form of data) [of the current state climatological research and methods of developing it]. Inform. sbor. GUGMS no.3/4:26-154 '54. (Card 2) (MIRA 8:3)

4. Vsesoyuznyy institut rastenievodstva (for Selyaninov, Rudenko).
5. Biroklimaticeskaya stantsiya Kislovodsk (for Boshne). 6. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova (for Alisov).
7. Ministerstvo putey soobshcheniya SSSR (for Bir'yukov). 8. Institut geografii Akademii nauk SSSR (for Gal'tsov, Grigor'yev). 9. Geofizicheskaya komissiya Vsesoyuznogo geograficheskogo obshchestva (for Egenson). 10. Ministerstvo elektrostantsiy i elektropromyshlennosti SSSR (for Muretor). 11. Lenigradskiy gosudarstvennyy universitet im. A.A.Zhdanova (for Khromov). 12. TSentral'nyy nauchno-issledovatel'skiy gidrometeorologicheskiy arkhiv (for Sokolov, Zolotarev). 13. Gosudarstvennyy okeanograficheskiy institut (for Samoylenko). 14. TSentral'nyy institut prognozov (for Usmanov, Sapozhnikova). 15. Institut trudyashchikov Akademii nauk SSSR i TSentral'nyy institut kurortologii (for geografii Akademii nauk SSSR i TSentral'nyy institut imeni Sechenova, Chubukov). 16. Nauchno-issledovatel'skiy institut imeni Sechenova, Yalta (for Trotsenko). 17. Arkticheskiy nauchno-issledovatel'skiy institut (for Vangengeym).

(Continued on next card)

FEDOROV, Ye.Ye., professor; PREDTECHENSKIY, P.P., and others.

Discussion of the report (in the form of debates) [of the current state of climatological research and methods of developing it].
Inform.sbor. GUGMS no.3/4:26-154 '54. (Card 3) (MLRA 8:3)

18. Dal'nevostochnyy nauchno-issledovatel'skiy gidrometeorologicheskiy institut (for Sokolets). 19. Institut geologii i geografii Akademii nauk Litovskoy SSR (for Styrn). 20. Rostovskoe upravlenie gidrometsluzhby (for Temnikova). 21. Morskoy gidrofizicheskiy Institut Akademii nauk SSSR (for Dmitriyev). 22. Vsesoyurnyy Institut rasteniyevodstva (for Malyugin). 23. Akademiya nauk Estonskoy SSE (for Liedemaa). 24. Akademiya nauk Armyanskoy SSR (for Bagdasaryan). 25. Leningradskiy gidrometeorologicheskiy institut (for Milevskiy).

(Continued on next card)

FEDOROV, Ye.Ye., professor; PREDTECHENSKIY, P.P., and others.

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climatological research and methods of developing it]. Infcrm.sber.
GUGMS no.3/4:26-154 '54. (Card 4) (MLBA 8:3)

26. Gosudarstvennyy gidrologicheskiy institut (for Bochkov). 27. Kazakhskiy nauchno-issledovatel'skiy gidrometeorologicheskiy institut (for Uteshev). 28. Upravlenie gidrometsluzhby Armyanskoy SSR (for Nersesyan). 29. Leningradskoye upravleniye gidrometsluzhby (for Mikhaylov, Devyatkova). 30. Tbilisskiy gosudarstvennyy universitet (for Tsomaya).
31. TSentral'naya aerologicheskaya observatoriya (for Shmeter).
(Climatology)

PREDTECHENSKAYA, K.S.

Posttetanic changes in reflex responses of the ventral root
to rhythmic stimulations of an afferent nerve. Fiziol. zhur.
51 no.6:749-754 Je '65. (MIRA 12:6)

1. Laboratoriya neyrofiziologii Instituta fiziologii imeni
Pavlova AN SSSR, Leningrad.

NORKINA, N.S.; PREDTECHENSKAYA, N.P.; ROZMYSLOVA, L.I.

Bacteriological characteristics of prepared foods according
to materials of laboratory analyses for 1958-1960. Gig. i
san. 28 no.7:98 Jl '63. (MIRA 17:1)

1. Iz sanitarno-epidemiologicheskoy stantsii Moskovskogo
rayona Leningrada.

KARAL'KIN, P. I.; KRYUKOVA, T. A.; PREDTECHENSKAYA, Z. B.

"Ispolzovaniye ethnograficheskikh kolletsiy kak istochnika v nauchno-issledovatel'skoy rabote (na opyre Gosudarstvennogo muzeya etnografii narodov SSSR)."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences, Moscow, 3-10 Aug 64.

PREDTECHENSKIY, A. A.

Concerning the article by D. I. Musatov "Stratigraphy of Cambrian sediments in the eastern slope of the Kuznetsk Ala-Tau." Geol. i geofiz. no.9:107-110 '62. (MIRA 15:10)

(Kuznetsk Ala-Tau—Geology, Stratigraphic)
(Musatov, D. I.)

KOROVKIN, B.F.; YESHINA, Ye.F.; PREDTECHENSKIY, A.N.

Colorimetric method of determining serum lactic dehydrogenase
(lactate dehydrogenase) and its use in clinical practice. Lab.
delo 9 no.3:17-20 Mr '63. (MIRA 16:4)

1. Leningradskiy okruzhnoy voyennyy gospital' (nachal'nik -
polkovnik meditsinskoy sluzhby K.A.Novikov).
(COLORIMETRY) (LACTIC DEHYDROGENASE)

PREDTECHENSKAYA, I.A.; MEL'YANTSEVA, A.M.

Improving the quality of crease-resistant finishes of staple fabrics. Izv.vys.ucheb.zav.; tekhn.tekst.prom. no.4:74-79 '61.
(MIRA 14:9)

1. Leningradskiy tekstil'nyy institut im. S.M.Kirova.
(Crease-resistant fabrics) (Textile finishing)

RADOVSKIY, Moisey Izrailevich; PREDTECHENSKIY, A.V., otv. red.;
DAGIN, Ye.G., red. izd-va; BOCHEVER, V.T., tekhn. red.

[From the history of Anglo-Russian relations in the field of
science] Iz istorii anglo-russkikh nauchnykh sviazei. Moskva,
Izd-vo Akad. nauk SSSR, 1961. 214 p. (MIRA 16:1)
(Russia--Relations (General) with Great Britain)
(Great Britain--Relations (General) with Russia)
(Science--International cooperation)

YANOV, E.N.; PREDTECHENSKIY, N.N.; POLEVAYA, N.I.; MURINA, G.A.;
MIRKINA, S.L.; ISKANDEROVA, A.D.; YEFIMOV, K.P.;
CHEN' YUY-VEY [Ch'en Yü-wei]; TITOV, N.Ye.; PANTELEYEV, A.I.;
KOCHEGURA, V.V.; GIRFANOVA, O.M.; ZUYEV, A.V.; NIKOL'SKIY, Yu.I.;
BURE, G.N.

Problems of the methods of geological investigations. [Trudy]
VSEGEI 92:91-98 '63. (MIRA 17:4)

PREDTECHEMSKIY, V.K., inzh.; GAVRILENKOV, A.M., inzh.

Testing of a twin drum dryer. Masl.-zhir.prom. 30 no.2:28-31 F
'64. (MIRA 17:3)

1. Voronezhskiy tekhnologicheskiy institut.

PREDTECHENSKIY, V.M., kand.tekhn.nauk; YELAGIN, B.T., inzh.

Improving natural lighting in rolling mills. Prom. stroi. 40
no.3:19-23 '62. (MIRA 15:3)
(Rolling mills--Lighting)

PREDTECHENSKAYA, N.P.

Biology of the enteropathogenic intestinal bacillus. Zhur.mikrobiol.
epid.i immun. 33 no.5:124-125 My '62. (MIRA 15:8)

1. Iz Sanitarno-epidemiologicheskoy stantsii Moskovskogo rayona,
Leningrad.

(ESCHERICHIA COLI)

Predtechenskaya, Era

The use of hydrogen peroxide for bleaching cotton yarns
is a well known process. It is used in the textile industry to remove
impurities from cotton fibers. When cotton is treated with H₂O₂, it reacts with
the cotton fibers, and H is formed in the bath during the
reaction between H₂O₂. The impurities could be removed
without damaging the yarn by boiling 1-2 hrs. in alkali
without pressure.

Mrs. Helen T. Reed

4

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PM

LPH

GRIBOYEDOV, D. N.; PREDTECHENSKAYA, I. A.

Textile finishing

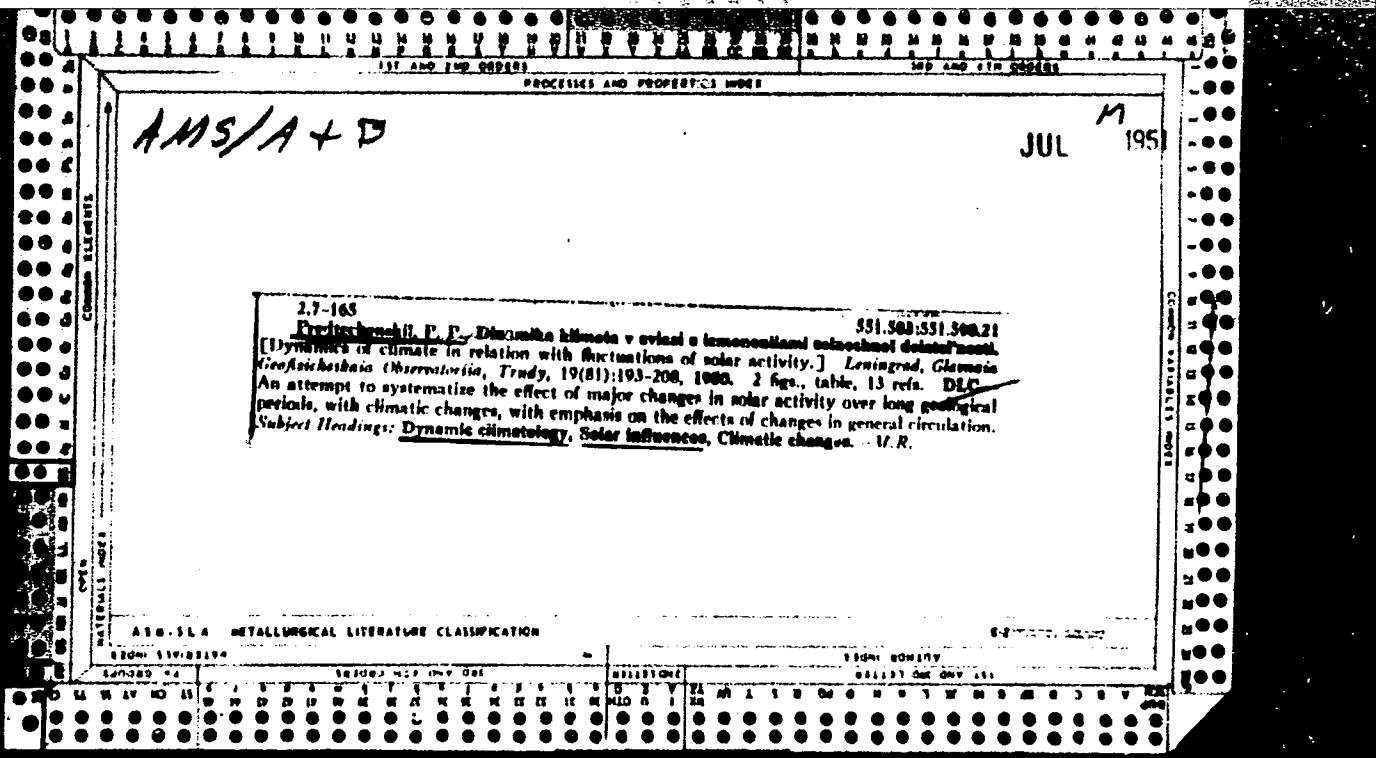
Bleaching of low grade cotton with hydrogen peroxide., Tekst. prom., No. 2, 1952.

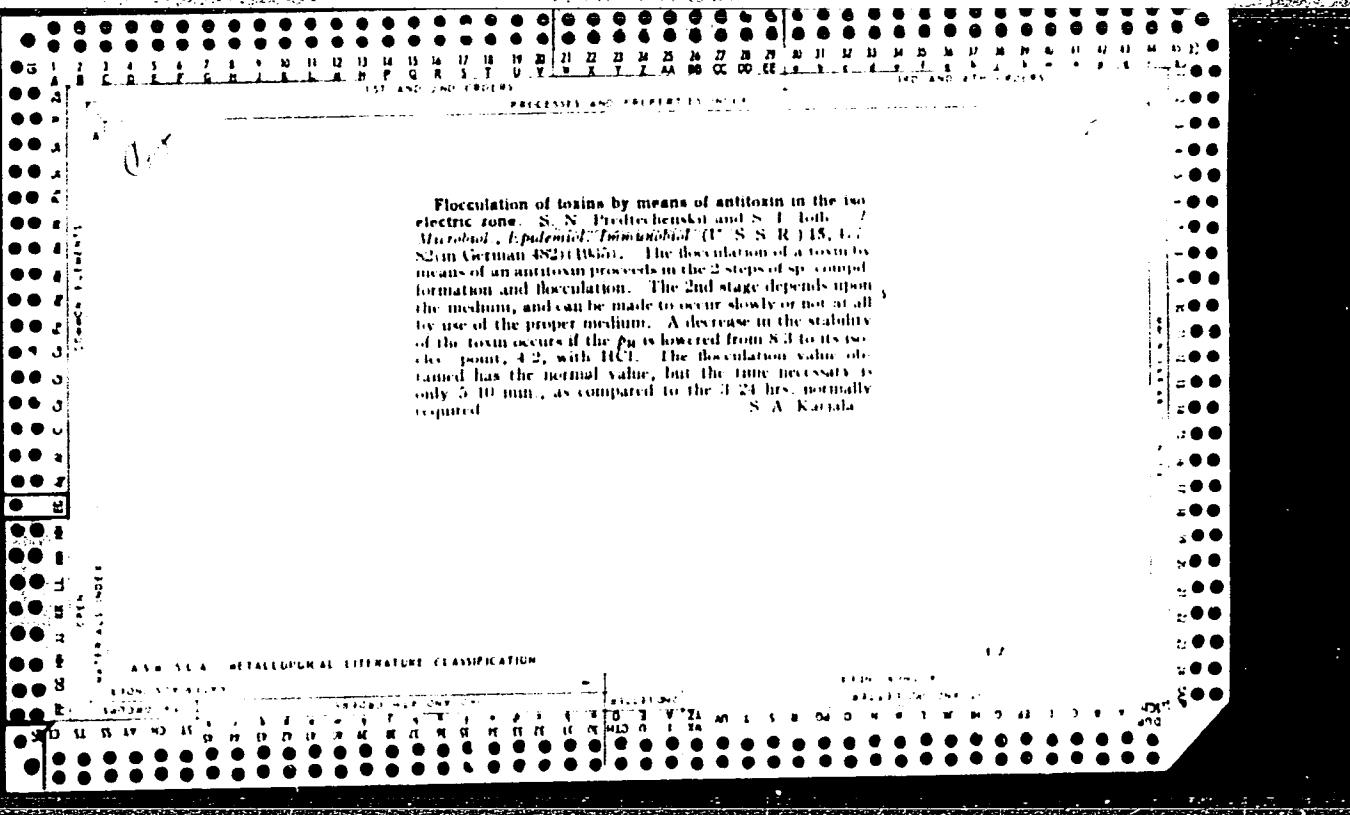
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.
2

PREDTECHENSKAYA, N. A.

5582. Blood sugar in narcosis. L. M. Pol'stin and N. A. Predtechenskata Sborn. Trud. Kraevoi med. Inst., 1955, No. 4, 27-28.
Referat. Zh. biol. Khim., 1956, Abstr. No. 17543.—After narcosis induced in rabbits by injection of hexenal, bromural, luminal or urethane the Hagedorn-Jensen method shows a reduction of blood sugar by 20-30 mg./100 ml. as compared with a normal value of 60-120 mg./100 ml. The addition of hexenal to blood *in vitro* had no direct effect on the blood sugar value. (Russian)

T. R. PARSONS





PREDTECHENSKAYA, I.A.; POKROVSKAYA, G.A.

Investigating substantive properties of vat sel dyes. Izv. vys. ucheb.
zav.; tekhn. tekstil. prom. no. 5:114-119 '58. (MIRA 11:12)

1. Leningradskiy tekstil'nyy institut.
(Dyes and dyeing--Chemistry)

L 28046-66 EWT(m)

ACC NR: AP6018178

SOURCE CODE: UR/0239/65/051/006/0749/0754

26
E

AUTHOR: Predtechenskaya, K. S.

ORG: Laboratory of Neurophysiology, Institute of Physiology im. I. P. Pavlova,
AN SSSR, Leningrad (Laboratoriya neirofiziologii Instituta fiziologii AN SSSR)

TITLE: Post-tetanic modification of ventral root responses of rhythmic
irritation of an afferent nerve

SOURCE: Fiziologicheskiy zhurnal, v. 51, no. 6, 1965, 749-754

TOPIC TAGS: cat, reflex, activity, neurophysiology

ABSTRACT: The action potentials of the ipsilateral ventral radix L₇ in response to irritation of the minor tibial nerve were recorded in experiments on cats. The monosynaptic reflex responses of the radix showed considerable changes after tetanization of the nerve: a post-tetanic activation of the response at a low testing frequency (1 to 10-20 per sec) was observed, while the response was inhibited at a high frequency (≥ 40 -60 per sec) of the testing current producing irritation of the nerve. Orig. art. has:
5 figures: [JPRS]

SUB'CODE: 06/ SUBM DATE: 20Mar64/ ORIG REF: 006 OTH REF: 005

2

Card 1/1 1U

GANZ, Semen Naumovich; KUZNETSOV, Ivan Yefimovich; PREDTECHENSKAYA, N.
[Predtechens'ka,N.], red.; SICHUGOV, V. [Sychuhov,V.], tekhn.
red.

[Furnaces for the chemical industry] Vypaliuval'ni pechi khimichnoi
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